

STANFORD UNIVERSITY

DEPARTMENT OF BIOLOGY

STANFORD UNIVERSITY, CALIFORNIA

September 17, 1945

Mr. Joshua Lederberg
Department of Zoology
Columbia University
New York

Dear Mr. Lederberg:

We are sending you cultures of fluffy and 5801. ✓

Nicotinicless-1 and Nic-2 are deficient in crosses because of decreased germination of mutant spores, not because of back-mutation or preferential meiosis.

I have checked up on linkage data on 1633 and find that we have no positive evidence on it.

Your term "prototrophic" certainly has merit. Before committing myself finally, however, I'd like to try this out on various of our people. I must confess I have never felt a dire need for such a term but can see where in special cases one might. Unless it is pretty likely to be widely used. I would not myself attempt to introduce it.

4637 is evidently a reciprocal translocation with the break so close to the albino gene that they can not be separated. Further details have not been established with any certainty. Perhaps Dr. McClintock will do some more work on this.

With best regards, I am

Sincerely yours,



G. W. Beadle

GWB/elb